

**15-DAY EXPRESS TERMS  
FOR PROPOSED BUILDING STANDARDS  
OF THE DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT  
REGARDING THE ADOPTION OF THE  
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGreen)  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11  
(HCD 06/18)**

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**LEGEND FOR EXPRESS TERMS**

1. Existing California amendments appear upright.
  2. Unmodified California 45-Day amendments appear in underline.
  3. California 15-Day amendments appear in double underline or ~~double strikethrough~~.
  4. **Rationale:** The justification for the change is shown after each section or series of related changes.
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**1. HCD proposes to amend Chapter A4 as follows:**

***Division A4.6 – TIER 1 AND TIER 2***

**SECTION A4.601  
GENERAL**

**A4.601.4.2 Prerequisite and elective measures for Tier 1. (No change to text)**

1. From Division A4.1, Planning and Design.
  - 1.1-1.3 (No change to text)
  - 1.4 Comply with the Tier 1 electric vehicle (EV) charging requirements in Section A4.106.8.
  - 1.5 (No change to text)
2. From Division A4.2, Energy Efficiency.
  - 2.1 For newly constructed low-rise residential buildings, comply with the energy efficiency requirements in ~~Section A4.203.1.1 and A4.203.1.2.1.~~ Sections A4.203.1.1.1, A4.203.1.1.2, Table A4.203.1.1.1, A4.203.1.2 and A4.203.1.3.1 and A4.203.1.4.
  - 2.2 ~~For additions to low-rise residential buildings, comply with the energy efficiency requirements in Section A4.204.1.1.~~
3. (No change to text)

**Rationale for change:** HCD proposes to further amend the above referenced section to reflect changes made by the California Energy Commission (CEC) on their final proposal related to Tier 1 requirements for enhanced energy efficiency. The CEC has released the final adopted text for CALGreen on October 17, 2018, and filed a Certification of Closed and Complete Rulemaking file for Docket #17-BSTD-03 California Code of Regulations, Title 24, Part 11, Appendix A4 Division A4.2 and Appendix A5 Division A5.2. HCD's amendments do not include any changes to the regulations adopted by the CEC for these sections.

**A4.601.5.2 Prerequisite and elective measures for Tier 2. (No change to text)**

1. From Division A4.1, Planning and Design.
  - 1.1-1.3 (No change to text)

1.4 Comply with the Tier 4 2 electric vehicle (EV) charging requirements in Section A4.106.8.

1.5 (No change to text)

2. From Division A4.2, Energy Efficiency.

2.1 For newly constructed low-rise residential buildings, comply with the energy efficiency requirements in Sections A4.203.1.1 and A4.203.1.2.2. A4.203.1.1.1, A4.203.1.1.2, Table A4.203.1.1.1, A4.203.1.2 and A4.203.1.3.2 and A4.303.1.4.

~~2.2 For additions to low-rise residential buildings, comply with the energy efficiency requirements in Section A4.204.1.2.~~

3. (No change to text)

**Rationale for change:** HCD proposes to further amend the above referenced section to reflect changes made by the California Energy Commission (CEC) on their final proposal related to Tier 2 requirements for enhanced energy efficiency. The CEC has released the final adopted text for CALGreen on October 17, 2018, and filed a Certification of Closed and Complete Rulemaking file for Docket #17-BSTD-03 California Code of Regulations, Title 24, Part 11, Appendix A4 Division A4.2 and Appendix A5 Division A5.2. HCD's amendments do not include any changes to the regulations adopted by the CEC for these sections.

**SECTION A4.602  
RESIDENTIAL OCCUPANCIES APPLICATION CHECKLIST  
Effective January 1, 2020**

<b>ENERGY EFFICIENCY – <u>LOW RISE RESIDENTIAL</u></b>						
<b>Performance Approach for Newly Constructed Buildings</b>						
<b>A4.203.1.1.2</b> <del>QH</del> Tier 1 and Tier 2. <u>Quality Insulation Installation</u> procedures specified in the Building Energy Efficiency Standards Reference <u>Residential Appendix Appendices RA3.5</u> are completed.	<input checked="" type="checkbox"/> <sup>2</sup>	<input checked="" type="checkbox"/> <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<del>A4.203.1.2.1</del> <b>A4.203.1.3.1</b> Tier 1. Buildings complying with the first level of advanced energy efficiency shall have either an Energy Budget that is no greater than 85 percent of the Title 24, Part 6 Energy Budget for the Standard Design Building, or an Energy Design Rating showing a 15% or greater reduction in its Energy Budget component compared to the Standard Design Building, <u>additional integrated efficiency and onsite renewable energy generation to achieve a Total EDR for Tier 1 as specified in Table A4.203.1.1.1 or lower as calculated by Title 24, Part 6 Compliance Software approved by the Energy Commission. This Total EDR is in addition to meeting the minimum mandatory Total Efficiency EDR.</u>	<input checked="" type="checkbox"/> <sup>2</sup>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<p><b>A4.203.1.2.2 A4.203.1.3.2 Tier 2.</b>  Buildings complying with the second level of advanced energy efficiency shall have <del>either an Energy Budget that is no greater than 70 percent of the Title 24, Part 6 Energy Budget for the Standard Design Building, or an Energy Design Rating showing a 30% or greater reduction in its Energy Budget component compared to the Standard Design Building,</del> <u>additional integrated efficiency and onsite renewable energy generation to achieve a Total EDR for Tier 2 as specified in Table A4.203.1.1.1 or lower as calculated by Title 24, Part 6 Compliance Software approved by the Energy Commission. This Total EDR is in addition to meeting the <del>minimum mandatory Total Efficiency</del> EDR.</u></p>			<input checked="" type="checkbox"/> <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>A4.203.1.4 <del>Tier 1 and Tier 2.</del> Local jurisdictions adopting Tier 1 or Tier 2, or considering community shared solar or storage options as specified, shall consult with the local electric service for acceptance.</b></p>	<input checked="" type="checkbox"/> <sup>2</sup>	<input checked="" type="checkbox"/> <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>WATER EFFICIENCY AND CONSERVATION</b></p>						
<p><b>Outdoor Water Use</b></p>						
<p><b>4.305.1 Newly constructed residential developments, where disinfected tertiary recycled water is available from a municipal source to a construction site, may be required to have recycled water supply systems installed, allowing the use of recycled water for residential landscape irrigation systems.</b></p>	<input checked="" type="checkbox"/>					
<p><b>ENVIRONMENTAL QUALITY</b></p>						

Indoor Air Quality and Exhaust						
<p><b>4.506.1 Exhaust fans which terminate outside the building are provided in every bathroom.</b></p> <p><b>Each bathroom shall be provided with the following:</b></p> <ol style="list-style-type: none"> <li><b>1. ENERGY STAR fans ducted to terminate outside the building.</b></li> <li><b>2. Fans must be controlled by a humidity control (separate or built-in); OR functioning as a component of a whole house ventilation system.</b></li> <li><b>3. Humidity controls with manual or automatic means of adjustment, capable of adjustment between a relative humidity range of ≤ 50 percent to a maximum of 80 percent.</b></li> </ol>						

**Rationale for change:** HCD proposes to further amend the above referenced checklist to reflect changes made by the California Energy Commission (CEC) on their final proposal related to Tier 1 and Tier 2 requirements for enhanced energy efficiency. The CEC has released the final adopted text for CALGreen on October 17, 2018, and filed a Certification of Closed and Complete Rulemaking file for Docket #17-BSTD-03 California Code of Regulations, Title 24, Part 11, Appendix A4 Division A4.2 and Appendix A5 Division A5.2. HCD’s amendments do not include any changes to the regulations adopted by the CEC for these sections.

The requirement for humidity controls for bathroom exhaust fans was inadvertently omitted from the 2013 and 2016 CALGreen checklists. HCD proposes to amend the checklist to include the requirement for humidity controls for bathroom exhaust fans.

HCD proposes to amend the checklist to include requirements for recycled water supply systems which were added as a mandatory measure to CALGreen during the 2016 Intervening Code Cycle.

**NOTE:**

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.5, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17922.14, 17926, 17927, 17928, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1 through 18873.5, 18938.3, 18944.11, and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; Civil Code Sections 1101.4, 1101.5, and 1954.201; and Government Code Sections 12955.1 and 12955.1.1.